

Justin Miller

4204 Applerock Drive
O'fallon, MO, 63368
(636) 485-5748
justinrmiller@gmail.com
justinrmiller.com

Objective:

Employment in a dynamic environment that can fully exercise my software development skills.

Education:

Missouri University of Science & Technology **August 2006 – May 2009**

- Master's degree in Computer Science, GPA: 3.667

Missouri University of Science & Technology **August 2002 – May 2006**

- Bachelor's degree in Computer Science, GPA: 3.4

Experience:

NISC (Software Developer) **May 2009 - Present**

- Support and development programming for accounting and utility billing software written in Java

Rockwell Collins Inc. (Software Engineer II): **January 2008 – April 2009**

- Developed test software in C and PHP for the automation of requirements based testing
- Developed a bid tracking tool for internal use using the LAMP stack
- Designed and developed automated test cases and procedures for an in-house network interface card
- Added functionality to a configuration application to support an upgrade from 576 byte MTU to 1500 byte MTU

Rockwell Collins Inc. (Software Engineering Intern): **June 2007 - August 2007**

- Ported hardware test software written in C from a vxWorks environment to a LynxOS environment

Information Technology Inc. (Software Engineering Intern): **June 2006 - August 2006**

- Improved the overall quality of ITI's Public Safety Software Series
- Developed the Policy Manual application in VB.Net for ITI's Public Safety Software Series

CTEL (Researcher/Software Engineer): **June 2005 – June 2007**

- Worked as a developer on Speechworx, an application written in C# designed to simulate Aphasia
- Led a team charged with finishing the SpeechWorx project and testing the final release version

Skills:

APIs and Standards: OpenGL, POSIX, pthreads, ncurses, Qt, Swing, wxWidgets
Databases (DB Interfaces): MySQL (phpMyAdmin, mysqlclient), Oracle (SQL*Plus, JDBC)
Operating Systems: Linux, LynxOS, OS X, vxWorks, Windows
Programming Languages: C, C++, C#, Groovy, Java, VB, Python (2.x), Perl, PHP
Source Control and Documentation: Clearcase, Doxygen, CVS, MS Visual Sourcesafe, SVN, UML
Theory: Computational Intelligence/AI, Computer Security, Data Mining